

Table 2
Radionuclide Results for HTDF Storm Water Discharge
Eagle Mine LLC - Humboldt Mill

Sample Location		USEPA	EM-HMP-009
Lab Sample ID		Drinking Water	T13H002-01
Sampled By		Maximum	AECOM
Analyzed By		Contaminant	Summit
Sample Date		Level ⁽¹⁾	7/31/2013
Radionuclide	Units		
Gross Alpha	pCi/L	15	U +/- 1.24
Gross Beta	pCi/L	(See Footnote 2)	5.17 +/- 1.17
Radium-226	pCi/L	5 ⁽³⁾	U +/- 0.25
Radium-228	pCi/L	5 ⁽³⁾	2.09 +/- 0.92

⁽¹⁾ USEPA drinking water MCLs provided for reference only.

⁽²⁾ Results reported as pCi/L but MCL reported as 4 mrem/year. Community water systems are allowed to reduce radionuclide monitoring if the annual average of gross beta particle activity minus the naturally occurring potassium-40 activity is 50 pCi/L or less.

⁽³⁾ MCL is for radium-226 and radium-228 combined.

U - Undetected

Bolded value denotes parameter detected above detection limit